

Exhibit 1 – CSO Capital Improvement Projects

Muddy Creek Drainage Basin

PROJECT NAME	CSO NUMBERS	PROJECT DESCRIPTION	Substantial Completion of Construction (All dates are Dec 31)
East Branch Muddy Creek CSO HW/DW relocate and/or eliminate	223, 408, 410-416, 541, 654	Provide HW/DW protection or eliminate by separation.	2010
East Branch Muddy Creek Interceptor Relocation – Phase I-A, Interceptor Relocation West	223, 408, 410-416, 541, 654	Relocation of interceptor in River Road from Ohio River to River Road – West.	2009
East Branch Muddy Creek Interceptor Relocation – Phase I-B, Interceptor Relocation East	223, 408, 410-416, 541, 654	Relocation of interceptor in River Road from Ohio River to River Road – East.	2010
East Branch Muddy Creek P.S. Relocation, Phase 1-C	223, 408, 410-416, 541, 654	Relocation and replacement of four (4) pump stations.	2010

Exhibit 1 – CSO Capital Improvement Projects

Mill Creek Drainage Basin

PROJECT NAME	CSO NUMBERS	PROJECT DESCRIPTION	Substantial Completion of Construction (All dates are Dec 31)
CSO Modification – Contract A; CSO # 3 – HW/DW	3	Relocation of interceptor for HW/DW protection and installation of separate sanitary sewer line.	2005
CSO Modification – Contract A; CSO # 4 -HW/DW	4	Installation of check valve for backflow prevention during HW/DW conditions.	2005
Kroger's – Spring Grove/Mitchell Sewer Separation – CSO #29 Elimination (Mitchell Avenue); SS# 4674	29	Project will eliminate CSO # 29 by separating area storm inlets through construction of approx. 1200' of 12" sanitary sewer.	2006
Montana Avenue Sewer Separation	89	Project will eliminate CSO # 89 by separating area storm inlets through installation of 300' of 8" sanitary sewer.	2006
Ludlow Run Sewer	109, 151, 162, 165	Replacement of existing interceptor w/ approx. 7700' of 24" – 42" sanitary interceptor sewer.	2007
Scarlet Oaks CSO Improvements, CSO #179, CSO Modification – Contract B	179	Installation of flexible flap gates for HW/DW protection.	2004
Tide gate replacement	419	Replacement of failed flap gate for HW/DW protection.	2004
Tide gate replacement	461	Replacement of failed flap gate for HW/DW protection.	2005

Exhibit 1 – CSO Capital Improvement Projects

Mill Creek Drainage Basin

PROJECT NAME	CSO NUMBERS	PROJECT DESCRIPTION	Substantial Completion of Construction (All dates are Dec 31)
CSO # 450 Elimination (Butler Street)	450	This project will eliminate CSO 450 by connecting two area sanitary laterals to area sanitary sewer. A HW/DW chamber had previously been constructed.	2007
CSO Modification – Contract A; CSO # 451; HW/DW	451	Elimination of CSO 451 by sewer separation.	2005
Eastern Avenue – Collins to Bayou – Express Sewer; Phase 2	456-460, 658	Project will provide for separation of existing area combined sewers.	2005

Exhibit 1 – CSO Capital Improvement Projects

Mill Creek Drainage Basin

PROJECT NAME	CSO NUMBERS	PROJECT DESCRIPTION	Substantial Completion of Construction (All dates are Dec 31)
Ross Run Grit Pit	487	Relocate CSO No. 487 to make CSO more accessible, and install a grit pit to improve maintenance at the Ross Run Interceptor Sewer.	2005
West Third Street Sewer Separation; CSO 437 elimination; Phase 3	437	Elimination of CSO 437 by sewer separation through construction of 350' of 8" sanitary sewer.	2007

Exhibit 1 – CSO Capital Improvement Projects

Little Miami River Drainage Basin

PROJECT NAME	CSO NUMBERS	PROJECT DESCRIPTION	Substantial Completion of Construction (All dates are Dec 31)
CSO HW/DW Regulator Mods-Little Miami Basin; CSO #86 Archer Street; HW/DW	86	Relocation of existing interceptor for HW/DW protection and construction of 170' of separate 8" sewer.	2006
Eastern and Delta Sewer Separation Phase 1 – HW/DW	467-469, 657	Install interceptor sewer from Little Miami WWTP to Eastern Avenue and Congress Avenue (approx. 5500' of 36" pipe). Perform some local sewer separation (approx. 5900' of 8" pipe).	2007
Eastern and Delta Sewer Separation Phase 2 – HW/DW	467-469, 657	Continue 36" interceptor sewer to Widman and Hogue Street near Delta Avenue.	2008
Eastern and Delta Sewer Separation Phase 3 – HW/DW	467-469, 657	Provide local sewer separation east and west of Delta Avenue Pump Station and north and south of Eastern Ave. to allow the relocation of CSO No.s 468 and 469 to provide HW/DW protection.	2009
Beechmont Sluice Gate	472, 656	Project consists of the replacement of multiple sluice/shear gates to provide flood protection to Lunken Airport area during high river stage.	2006
CSO # 557 Elimination	557	Elimination of CSO No. 557 by sewer separation.	2005

Exhibit 1 – Capital Improvement Projects

Sycamore WWTP HRTU

Project Name	Project Description	Substantial Completion of Construction
Sycamore WWTP HRTU	Construction of a ballasted flocculation (or equivalent) high rate treatment unit ("HRTU") at the WWTP. After completion of all phases of the project, including conventional process capacity upgrades, flows over and above 18 MGD at the Sycamore WWTP would be diverted after fine screening and grit removal to the HRTU up to a maximum of 32 MGD. The first 18 MGD of flow would be treated by conventional primary, secondary and tertiary treatment processes. Flows through the HRTU would be subject to disinfection and post aeration after high rate treatment.	12/31/2006